

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 6193.PC.01	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US 98/24562	International filing date (day/month/year) 17/11/1998	(Earliest) Priority Date (day/month/year) 17/11/1997
Applicant ABBOTT LABORATORIES		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of invention is lacking (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/24562

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6	C12N15/63	C12N5/10	C07K14/47	C07K16/30	C12Q1/68
	G01N33/53	G01N33/574	G01N33/577	A61K38/17	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE EMBL EMEST13: HS393131, 3 June 1995 HILLIER ET AL.: "WashU-Merck EST Project 1997" XP002094689 97.3% identity in 257 bp overlap with Seq. ID 4, 94.7% identity in 133 bp overlap with Seq. ID 5, 93.8% identity in 385 bp overlap with Seq. ID 6 and 93.8% identity in 390 bp overlap with Seq. ID 7.</p> <p style="text-align: center;">--</p> <p style="text-align: center;">-/--</p>	12-22, 38,46



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

^o Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

25 February 1999

Date of mailing of the international search report

09/03/1999

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/24562

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL Emest1: AA580152, 11 September 1997 EMMERT-BUCK: "NCI_CGAP_Br1.1 HOMO SAPIENS cDNA CLONE" XP002094690 99.1% identity in 114 bp overlap with Seq.ID 4, 100% identity in 133 bp overlap with Seq.ID 5, 100% identity in 128 bp overlap with Seq.ID 6 and 100% identity in 133 bp overlap with Seq.ID 7. ---	12-22, 38, 46
A	WO 96 14877 A (UNIV JOHNS HOPKINS MED) 23 May 1996 see the whole document ---	1-51
A	US 5 236 844 A (BASSET PAUL ET AL) 17 August 1993 see the whole document ---	1-51
A	WO 95 20681 A (INCYTE PHARMA INC) 3 August 1995 cited in the application see the whole document ---	1-51
A	WO 95 11923 A (DANA FARBER CANCER INST INC ;CHEN LAN BO (US); BAO SHIDENG (CN); L) 4 May 1995 see the whole document ---	1-51
A	WO 95 15334 A (CALIFORNIA PACIFIC MED CENTER) 8 June 1995 see the whole document ---	1-51
A	SCHWARTZ M K: "CURRENT STATUS OF TUMOUR MARKERS" SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION, vol. 55, no. SUPPL. 221, 1 January 1995, pages 5-14, XP000490502 see the whole document -----	1-51

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9614877	A	23-05-1996		US 5756668 A AU 4407196 A BR 9509674 A CA 2205414 A CN 1171743 A EP 0792168 A FI 972066 A JP 10510145 T NO 972228 A US 5846712 A		26-05-1998 06-06-1996 16-09-1997 23-05-1996 28-01-1998 03-09-1997 14-07-1997 06-10-1998 14-07-1997 08-12-1998
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WO 9511923	A	04-05-1995		CA 2175380 A EP 0725799 A		04-05-1995 14-08-1996
WO 9515334	A	08-06-1995		AU 1214995 A		19-06-1995